

MASS. EA10.2 = PR93/985



# PROGRAM DIRECTORY

Department of Environmental Management

January, 1985



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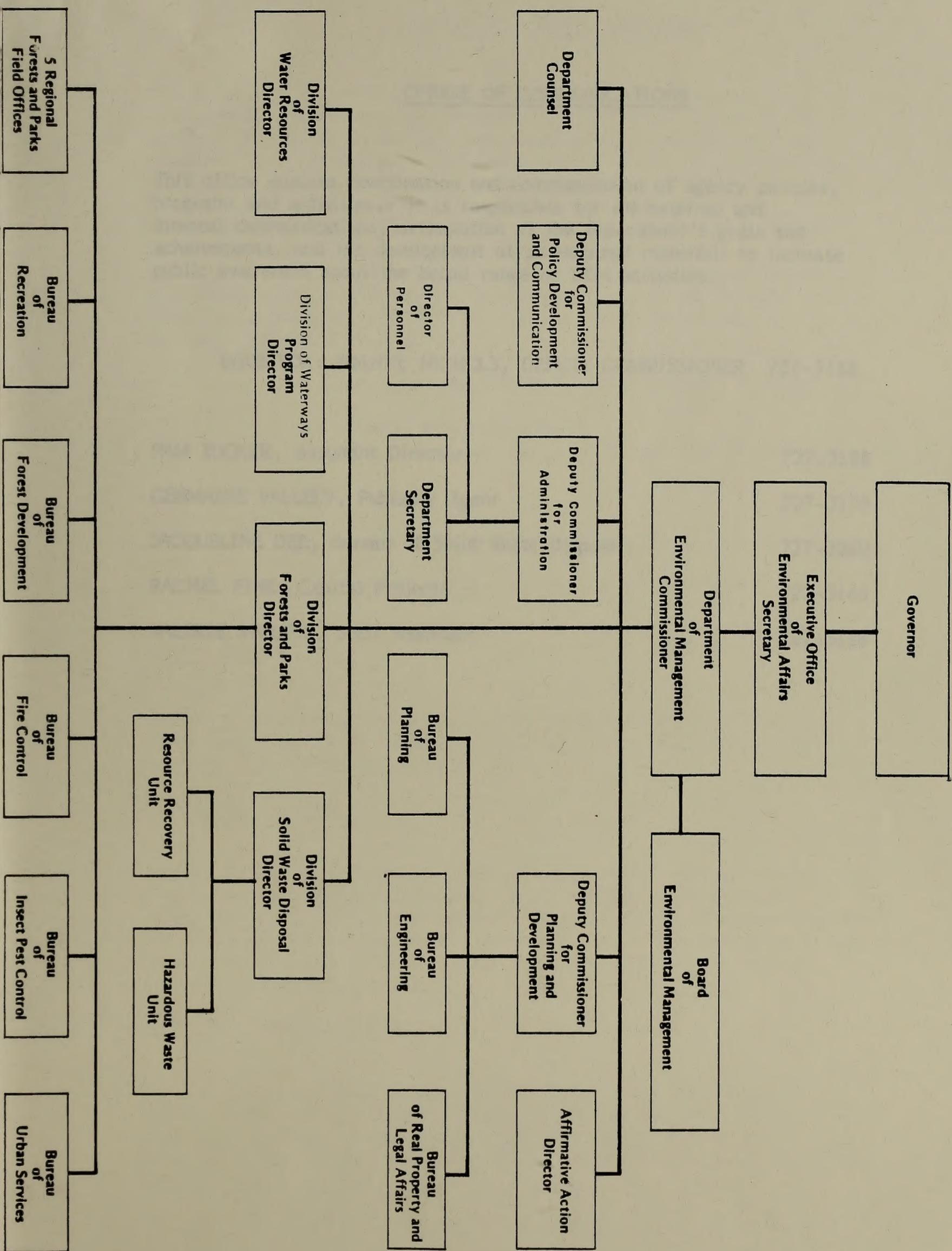
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

ADMINISTRATION

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## Organization of the Department of Environmental Management





## OFFICE OF COMMUNICATIONS

This office ensures coordination and communication of agency policies, programs and activities. It is responsible for all external and internal communications, articulation of the department's goals and achievements, and the development of promotional materials to increase public awareness about the broad range of DEM activities.

DIRECTOR: JOANNE NICHOLS, DEPUTY COMMISSIONER 727-3188

PAM TUCKER, Assistant Director	727-3188
GERMAINE VALLEY, Publicity Agent	727-3159
JACQUELINE DEE, Bureau of Solid Waste Disposal	727-3260
RACHEL FINE, Capital Projects	727-3160
VALERIE STOUPIS, Staff Assistant	727-3188



## DIVISION OF FORESTS AND PARKS

The Division of Forests and Parks is made up of five bureaus: Forest Development, Recreation, Insect Pest Control, Fire Control and Urban Services. The Division has four major objectives: to promote the conservation, and protection of the Commonwealth's natural resources; to maintain and initiate programs to meet statutory responsibilities for conserving the Commonwealth's natural resources; to provide Massachusetts' citizens with a sustained flow of social, environmental and economic benefits through effective management of the Commonwealth's public and private forestlands; and to increase economic revitalization and recreation opportunities through the Heritage State Parks, regional recreation facilities and increased access to the state forest and park system.

DIVISION DIRECTOR: GILBERT BLISS 727-3180

PUBLIC INFORMATION:  
Pam Tucker and Germaine Valley 727-3188

### FOREST DEVELOPMENT

BUREAU CHIEF: Thomas Quink 727-3184

#### Service Forestry

Service foresters cover assigned districts throughout the state providing marketing and technical assistance to private landowners, local officials and primary forest industries.

#### Management Forestry

Focuses on forest management within the state forest and park system. Responsibilities include coordinating aspects of timber and fuelwood sales, conducting timberstand improvement work, taking inventories of timber within the the various forests and preparing multiple use management plans to ensure that silvicultural activities are fully integrated into overall property management objectives.

#### Urban and Community Forestry

Provides technical forest management assistance to the 351 municipalities in Massachusetts. Responsibilities include advising local officials about planting, managing and protecting trees in residential areas as well as forest stands in municipal watersheds and other community lands.



### Forest Products Marketing and Utilization Program

The focus of this program is to provide forest landowners and forest industries, both primary and secondary, with technical services on all aspects of harvesting, processing and marketing forest products while increasing utilization of the Commonwealth's forest resource base.

### Resource Conservation and Development

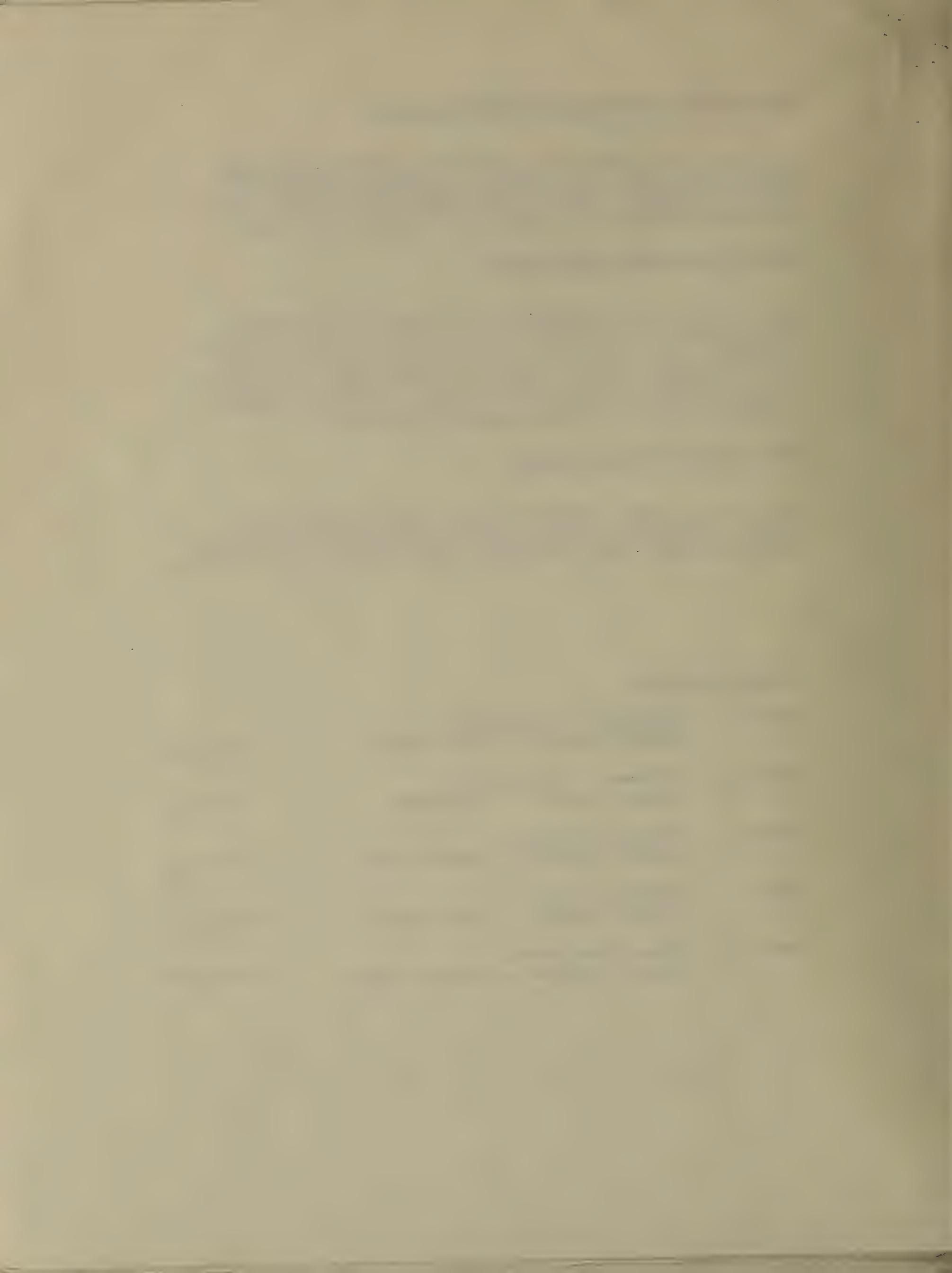
RC & D is a cooperative Federal/State and local rural development program aimed at improving local economies and the standard of living through the conservation, wise use and development of natural resources. The program operates in the four Western Massachusetts counties: Hampshire, Hampden, Franklin and Berkshire, with technical services provided by one RC & D forester employed by the bureau.

### Forest Resources Planning Program

Focuses on long range, comprehensive forest resource analysis and planning. Program has produced a State Forest Resources Plan which provides policy and program direction for the Division of Forests and Parks.

### Regional Field Offices

Region 1	-	Southeastern Massachusetts	
		Regional Supervisor - Alden Cousins	866-2526
Region 2	-	Northeastern Massachusetts	
		Regional Supervisor - Don Stoddard	369-3350
Region 3	-	Central Massachusetts	
		Regional Supervisor - Thomas F. Lynch	368-0126
Region 4	-	Connecticut Valley	
		Regional Supervisor - Carroll Holmes	(413)549-1461
Region 5	-	Western Massachusetts	
		Regional Supervisor - Douglas G. Poland	(413)442-8992



## BUREAU OF RECREATION

BUREAU CHIEF: CHARLES DANE 727-3180

### Forests, Parks, and Reservations

The bureau operates and maintains 86 staffed facilities. The various forests, parks and reservations within the program area provide for every lawful type of outdoor recreation.

- Provides overnight camping and comfort facilities.
- Lifeguards fresh water swimming.
- Picnicking with fireplaces, tables & restrooms.
- Fishing at stocked lakes and ponds.
- Guides and maintains trails for bicycles, off-road vehicles, snowmobiles, horses, hikers and cross country skiers.
- Protects areas for nature study.
- Leases areas for Alpine Skiing.
- Areas for hunting in season.

### Ocean Beaches

The Bureau provides public access to five major coastal ocean beaches, with a combined shoreline of approximately seven miles. The five beaches are Horseneck, Salisbury, Scusset, Ft. Phoenix and South Cape. The beaches provide programs such as:

- Lifeguarded salt water swimming.
- Learn to swim programs.
- Supervised overnight camping.
- Comfort stations and bathhouses with hot water showers.
- Areas for coastal nature study.
- Miles of beaches for sun bathing.
- Miles of beaches for surf fishing.
- Piers for fishing.
- Picnicking.

### Indoor Ice Skating

The Bureau manages 18 indoor ice skating rinks. These facilities provide a safe environment for ice skating. Major programs hosted within the rinks are:

- Public skating.
- Learn to skate programs.
- Learn to skate programs for handicapped persons.
- Ice Hockey programs for all ages and abilities.
- Organizational ice hockey for schools and colleges.
- Figure skating programs for all ages and abilities.
- Dept. sponsored teams and competitions in both figure skating and ice hockey.



### Outdoor Swimming Pools

The bureau manages 19 large swimming pools which are located close to or in urban areas of the state. The program provides a safe life-guarded place for citizens to swim during the summer months. Major programs include:

- Public swimming.
- Learn to swim program.
- Learn to swim program for the handicapped.
- Water safety programs.
- Organizational swimming for schools.
- Dept. sponsored teams and competitions.

### Interpretive Services

The Interpretive Program is an increasingly important facet of the state park recreational experience. It entails communicating to visitors in an entertaining and informative manner the history, ecology, land management and regulations of the particular park. In addition to enhancing the visitor's experience in the parks the interpretive program increases visitor appreciation for Department facilities, increases visitation, and reduces vandalism.

## BUREAU OF URBAN SERVICES

BUREAU CHIEF: ROBERT FREEDMAN 727-3174

### Urban Services

The Bureau administers the division facilities and services in urban areas of the Commonwealth. This is accomplished through managing the Heritage State Parks and providing technical assistance to municipalities in managing urban natural, historical and recreational resources. The bureau is guided by two objectives: to expand recreation opportunities to urban residents through the Heritage State Parks and to provide increased levels of technical assistance to municipalities in managing natural resources.

### Recreation Access Program

This program is designed to increase opportunities for urban residents to visit the state forest and park system.



### BUREAU OF INSECT PEST CONTROL

BUREAU CHIEF: STAN HOOD 727-3184

The bureau of Insect Pest Control is responsible for monitoring forest pests which have been legislatively declared public nuisances in the Commonwealth and for recommending appropriate control measures. This is accomplished by conducting ground and aerial forest pest surveys and providing technical assistance to municipalities. The management responsibilities are divided into four categories: survey, evaluation, prevention and control. In addition, work crews are responsible for removing unsafe trees from state-operated recreation areas.

### BUREAU OF FIRE CONTROL

BUREAU CHIEF: ANTONIO CASTRO 727-3184

#### Fire Control

Program responsibilities include aiding and assisting municipalities in prevention and suppression forest fires. Fire detection, suppression, pre-suppression and prevention are four major areas of the fire control program. The bureau has 53 fire detection towers located throughout the Commonwealth for assisting communities in detecting possible wild fire dangers. This network of towers has saved many communities thousands of dollars by protecting natural resources, dwellings, and human lives. Other initiatives include intra- and inter-agency training in forest fire management and law enforcement techniques, enforcement of the new Forest Cutting Practice Law Chapter #132, Sections 40-46. The bureau is an integral part of the Northeastern Forest Fire Protection Commission which includes all the New England states, New York, and the Canadian provinces of Quebec and New Brunswick.

#### Federal Excess Property Program

The Bureau of Fire Control has been designated by the Federal government to administer the Federal Excess Property Program to enhance the fire fighting capabilities of the bureau and rural Massachusetts communities. Communities enroll in the "Pass Through" program which qualifies them to receive federal excess property. This includes: tank trucks, rack and stake trucks, pick-up trucks, four wheel drive cargo trucks, pumps, generators, compressors, hoses, fittings, tools, and shop equipment. All property ownership remains with the Federal government. The General Service Administration and the Department of Agriculture are the responsible agencies. A thorough inventory of property must be maintained by the bureau. This program has greatly benefited many rural fire communities.



## OFFICE OF PLANNING & DEVELOPMENT

The Office of Planning & Development is responsible for land acquisition and development of new and existing forest and park facilities as well as a number of programs affecting non-Department lands, such as the Scenic Rivers Program, Greenway planning, restoration of Olmsted parks in Massachusetts, the City and Town Commons Restoration Program, and development of the new Heritage State Park system.

DIVISION DIRECTOR and DEPUTY COMMISSIONER 727-3160

CHIEF PLANNER: Christopher Greene 727-3160

CHIEF ENGINEER: John Cary 727-3174

PUBLIC INFORMATION: Rachel Fine 727-3160

### Bay Circuit Greenbelt

Develops policies and manages implementation of 50-community land protection program around the metropolitan Boston area.

### Boston Area Projects

Plans and manages development projects in and around the City of Boston.

### City & Town Commons

Administers a program of grants to municipalities to restore historic commons and to acquire land to establish new central open spaces in the centers of cities and towns.

### Dam Safety

Develops safety inspection for public and private dams and recommends needed repairs to protect the Massachusetts public.

### Guidelines for Operations and Land Stewardship (G.O.A.L.S.)

Develops plans and land use zones for the management of forest and park facilities.



### Heritage State Parks

Contact: Blackstone Valley ..... Monica Fairbairn  
Fall River ..... Kimel Conway, 675-6011  
Gardner ..... Rick Pavoni, 323-7879  
Holyoke ..... Thomas Dyer, (413) 536-8222  
Lawrence ..... Catherine Barner, 723-7122  
Lowell ..... S. Christopher Scott, 727-3174  
Lower Mills ..... Cheryl Smith, 727-3174  
Lynn ..... Catherine Barner, 723-7122  
North Adams ..... Carter Terenzini, (413) 663-6312  
Roxbury ..... Patricia Weems-Carrington, 727-3174  
Springfield ..... Thomas Dyer, (413) 536-8222  
Turners Falls ..... Ann Maley, (413) 863-8529

### Land Acquisition - Legal

Carries out legal aspects of new land acquisition.

### Land Acquisition - Planning

Develops strategies and policies to guide the acquisition of new recreation and conservation land by the Department.

### Landscape Architecture

Provides in-house landscape architectural design services.

### Olmsted Park Recovery

Develops policies and administers a program of funding assistance to rehabilitate several specified municipal parks designed by Frederick Law Olmsted, Jr. and his associates.

### Park Rehabilitation & Restoration Planning

Develops policies, determines priorities and oversees scheduling and monitoring of miscellaneous park rehabilitation projects.

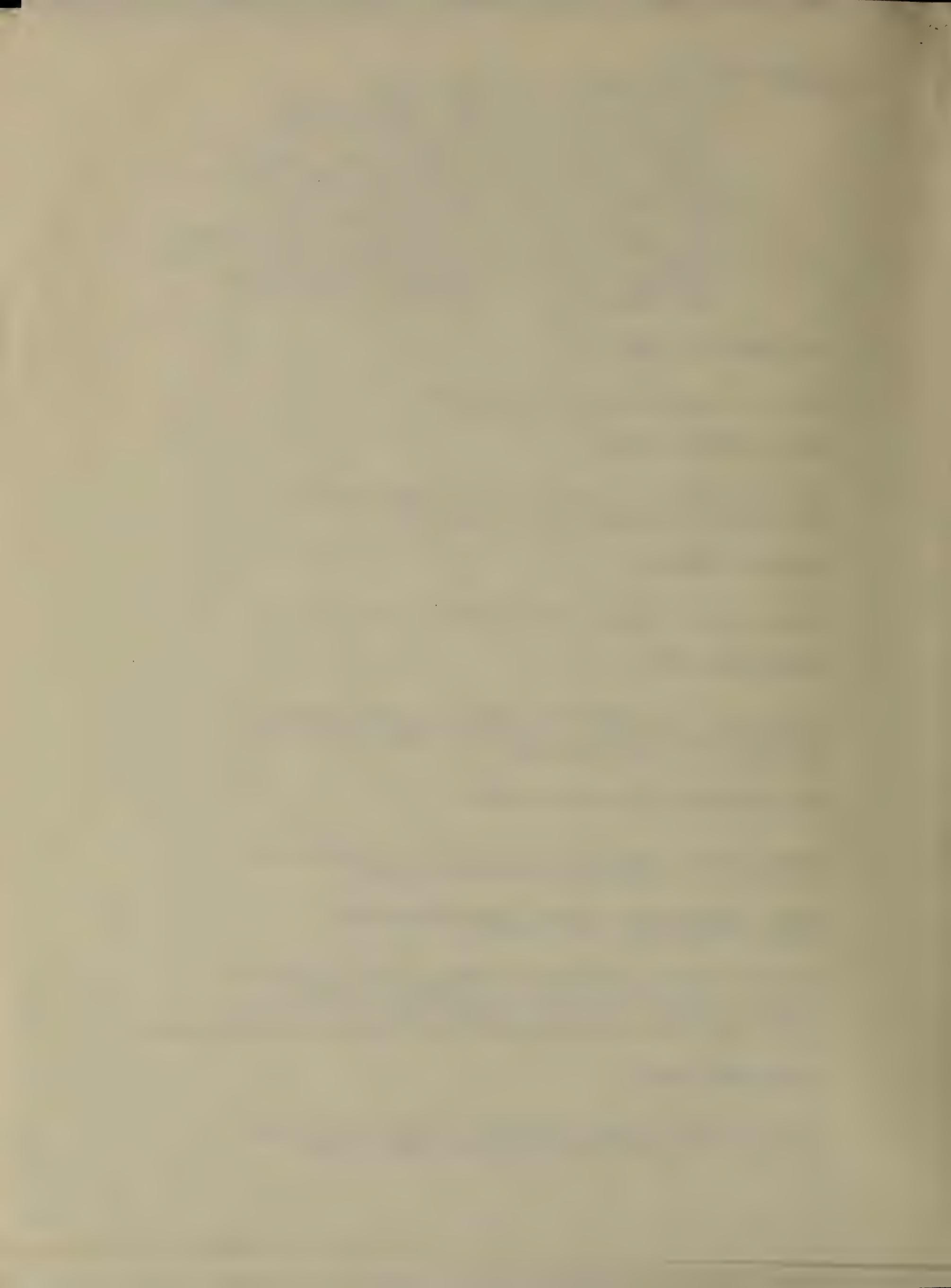
### Planning and Development (Western Massachusetts Office)

Contact: Thomas Dyer, (413) 536-8222

Supervises planning and development projects in western Massachusetts including planning for Mt. Greylock, the Heritage State Parks in Holyoke, Springfield, Turner's Falls, Gardner and North Adams, the Holyoke Range Summit House Restoration, and Connecticut River Valley projects.

### Scenic Rivers Program

Works with local and regional watershed associations to develop protection and management plans for the Commonwealth's rivers.



## BUREAU OF SOLID WASTE DISPOSAL

The bureau is responsible for facilitating the safe and efficient management of both hazardous waste and general solid waste in the state. This bureau's mandate is to: survey needs and set up program goals, initiate projects, inform the public, and provide technical support to Massachusetts communities.

DIVISION DIRECTOR: JAMES MILLER 727-3260

DEPUTY DIRECTOR FOR HAZARDOUS WASTE: Dr. Redmond Clark 727-3260

DEPUTY DIRECTOR FOR SOLID WASTE: Patrick Walker 727-3260

DEPUTY DIRECTOR FOR ADMINISTRATION + FINANCE: Phyllis Atwater 727-3260

PUBLIC INFORMATION: Jacqueline Dee, 727-3260

### Conferences

Massachusetts Municipal Association.

Massachusetts Hazardous Waste Source Reduction.

Solid Waste Management Workshop.

### Public Participation Program

This program is designed to increase public education and public participation in the siting and source reduction programs within DEM. It is also designed to foster better understanding of all hazardous waste management issues. At the present time, ten contracts have been let for this year to groups across the state; most of them centered in areas of heavy population and industry. Most of the activities being funded involve larger segments of local populations in programs designed to increase awareness of household hazardous waste and increase communication between local interest groups, individual citizens, industry, and local government.

### Solid Waste Management

The bureau is coordinating a multi-agency development of a state-wide solid waste plan. The plan envisions a 25% waste reduction program and incentives for the development of resource recovery facilities.



### Facility Siting

Within this program, the bureau is responsible for siting necessary treatment, storage and disposal facilities. Two projects are currently active: one involving Clean Harbors of Kingston, Massachusetts; the other, which is in very preliminary stages, involving Modar Corporation of Natick.

### Source Reduction Program

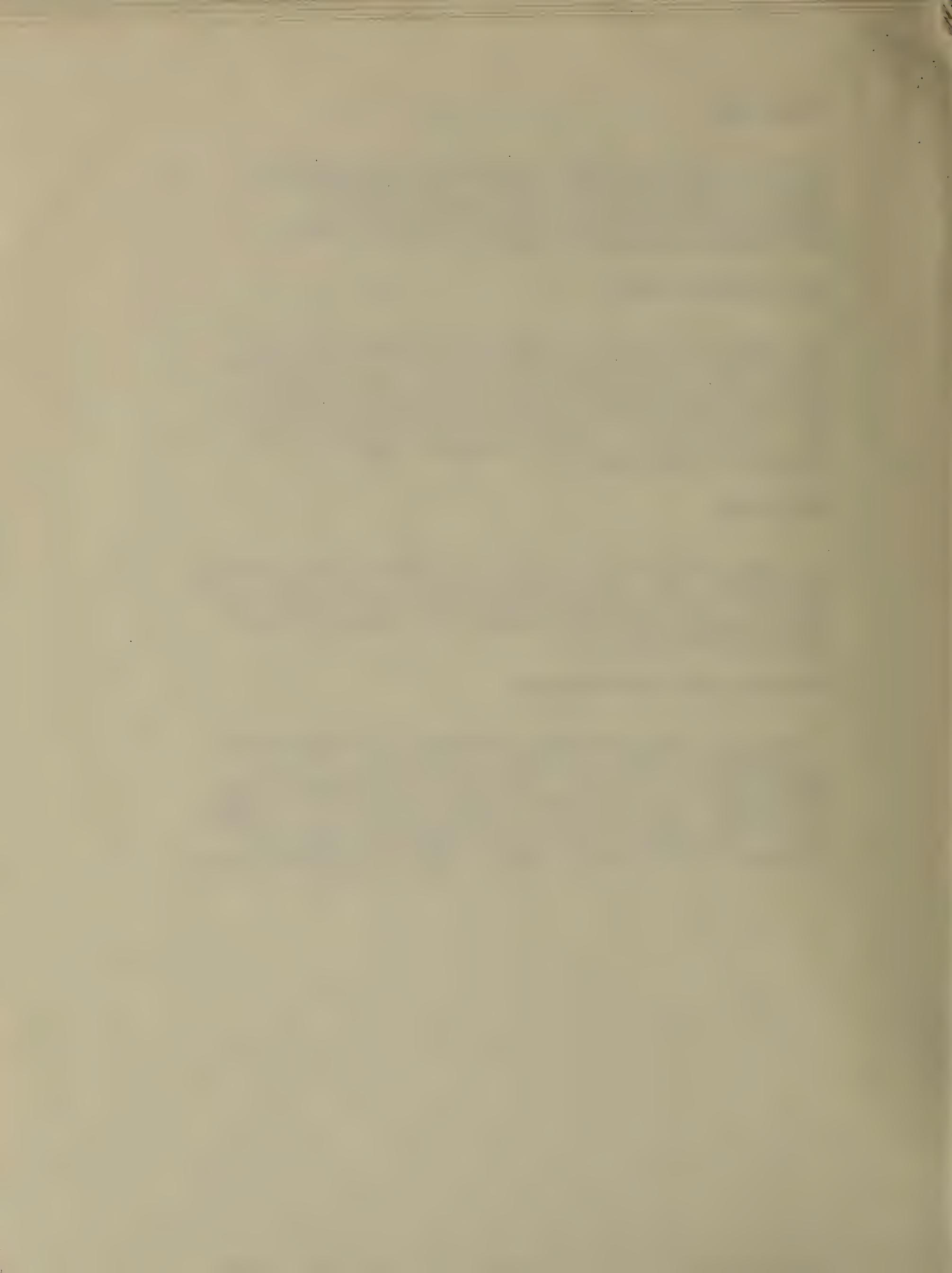
The bureau is responsible for finding ways to increase the use of source reduction technologies in the Commonwealth. At present, this program is in the policy development stage and a large contract has been let to GCA Corporation to provide a data base for policy analysis. At the same time, the bureau is operating a technical program that is providing data on existing technologies to industries throughout the Commonwealth.

### GEIR Program

The Generic Environmental Impact Report on Hazardous Waste is mandated under Chapter 21D. This document summarizes the on going need for new facilities in the Commonwealth, discusses source reduction issues and outlines progress made over the past year in the regulatory programs associated with hazardous waste.

### Recycling - Bottle Law Administration

As part of its Solid Waste Program, the Bureau of Solid Waste Disposal is responsible for assisting communities in their efforts to reduce their solid waste via recycling. The bureau has been charged with the administration of MGL 94, Sections 321-327, "the Bottle Law." Changes in the law and experience with its implementation have required amendments to the regulations which have been drafted by the bureau and promulgated by the Secretary of Executive Office of Environmental Affairs.



## DIVISION OF WATERWAYS

Major Division responsibilities are to improve, develop, maintain and protect tidal and nontidal rivers and streams, harbors, tidewaters, foreshores, and shores along a public beach, including the Merrimack and Connecticut Rivers. Specific programs administered by the Division include waterways, dams, state piers, public access, and the recreational facilities construction program. All programs in the Waterways Division are administered and implemented by Waterways and cannot be considered technical assistance, grant, or service programs. Although state-funded, a local sharing of the cost of 25% of the cost of dredging and 50% of the cost of other waterways projects maybe required, depending on the project.

DIVISION DIRECTOR: JOHN HANNON 727-8893

PUBLIC INFORMATION:  
Pam Tucker and Germaine Vallely 727-3188

### Rivers and Harbors Program

The program identifies the need for renovations and improvements to the Commonwealth's inland and coastal waterways.

### Waterways

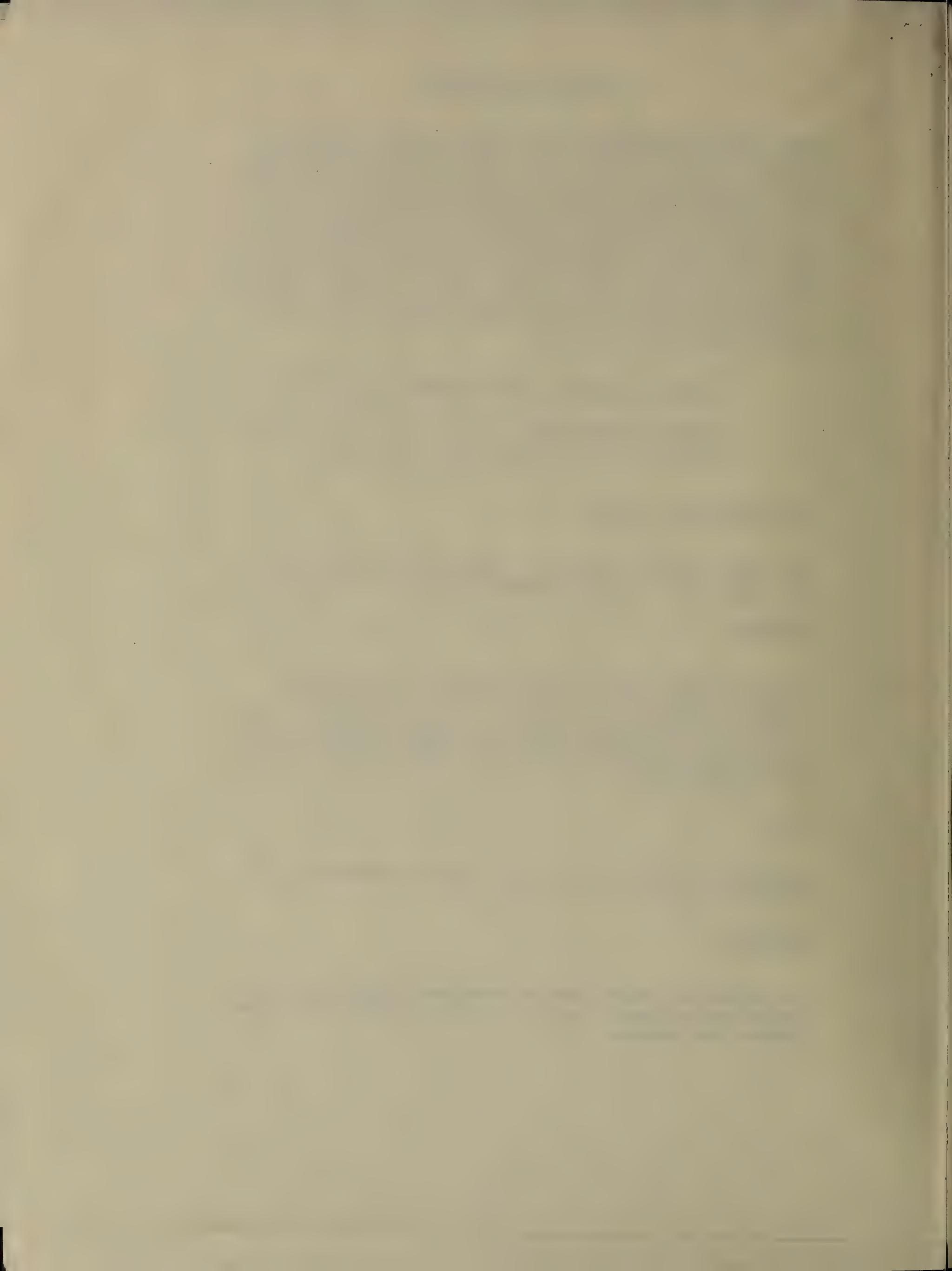
Waterways projects typically include dredging and channelization; design and construction or rehabilitation of piers, wharves, bulkheads, seawalls, groins or jetties; river and streambank erosion control; pond dredging and rehabilitation; beach nourishment, boat ramps and public access facilities; harbor debris removal; and river and stream clearance.

### Dams

Dams projects typically cover: study, design and rehabilitation of existing structures.

### State Piers

The Division has authority over the state piers at Gloucester, New Bedford and Fall River. Facilities at each are leased out to private operators and managers.



### Public Access

Public access projects include design and construction of marinas, boatways, boat ramps and other facilities on coastal and inland waters. In addition, Public Access Board projects are administered by the Division as the contracting agent.

### Recreational Facilities

These projects include capital improvements to existing state recreational facilities and design and construction of new facilities (rinks, pools, and beaches).



## DIVISION OF WATER RESOURCES

The Division of Water Resources has three priorities: to collect, refine and update basic water resources data for dissemination to state, federal, and local agencies and the general public; to plan, implement and maintain works of improvement to prevent loss of life and damage to property from erosion, floodwater and sediment in the watersheds of the rivers and streams of the Commonwealth; and to facilitate the development of a statewide comprehensive water resources management plan for Massachusetts, formulated from river basin plans being developed from local, regional and state assessments of water needs and resources in conformance with the Massachusetts Water Supply Policy Statement.

DIVISION DIRECTOR: CHARLES KENNEDY 727-3267

PUBLIC INFORMATION:

Pam Tucker and Germaine Valley 727-3188

### I. WATER RESOURCES DATA

#### Rainfall Data

A statewide system of 112 rainfall stations is operated by the Division to record precipitation data. Monthly, annual and historical precipitation records are available. Snow depth and moisture content is monitored as part of the overall precipitation data.

#### Stream Gauging

Since 1909, data on stage, discharge and at some locations water quality has been compiled from 42 gauging stations on Massachusetts' rivers and streams in cooperation with the U.S. Geological Survey. This information is incorporated in the U.S. Geological Survey's Annual Water Data Reports and water Supply Papers.

#### Groundwater Monitoring Program

Water level measurements are made at 87 observation well locations, (some of which have been monitored since 1936) as part of a cooperative program with the U.S. Geological Survey. The primary object of this program is to document both short-term and long-term groundwater level trends in different geographic areas of the Commonwealth.

#### Water Use Data Program

Water resources data for the 363 public water supply systems in the State is being entered into an automated computer information system containing 24 data points for each system. This project is being conducted in cooperation with the U.S. Geological Survey on whose main-frame computer the data will be stored. It is designed to provide baseline data for community and river basin planning.



## Ponds, Lakes and Reservoirs

Basic data for the state's public natural and man-made water bodies is available. A survey of public water bodies was completed in 1978 and updated in 1982.

## Water Resources and Priorities

Potential reservoir studies for the state's river basins were completed in 1978 as a cooperative study with the U.S. Department of Agriculture. Updating and screening of the information to identify sites that could meet water supply needs is ongoing.

## Atlas Program - Groundwater Studies

Inventory and assessment of the quantity and quality of ground and surface water resources for the river basins of the state is a cooperative and jointly funded program of the Division and the U.S. Geological Survey. The U.S.G.S. compiles and publishes the information as hydrologic atlases and hydrologic data reports.

## Chapter 800 - Groundwater Assessment

Baseline water resources data is being developed for the major aquifers in the Commonwealth in a cooperative effort with the U.S. Geological Survey. These comprehensive assessments identify areal extent, depth, hydrologic characteristics, the quality of water use alternatives. Studies are in progress in eight river basins.

## Reservoir Sites Acquisition Program

Acquisition of land, water or easements to protect future water resource values and conserve impoundment sites for the purpose of flood control, low flow augmentation and/or municipal water supply.

## Registration of Well Drillers

The Division of Water Resources has the responsibility to register well drillers in the Commonwealth and receive, process and disseminate well drilling data from reports submitted by registered drillers. Registration is annual, with a new certificate issued each year upon payment of the required fee.



## II. FLOOD CONTROL

### Watershed Protection and Flood Prevention Program

This program is in cooperation with the U.S. Department of Agriculture. Projects nominated by conservation districts may include land treatment, flood prevention, agricultural water management, water supply, recreation and fisheries and wildlife enhancement.

### National Flood Insurance Program

The division acts as the state coordination for this federal program administrated by the Federal Emergency Management Agency (FEMA). A community qualifies for the program in two separate phases; first the emergency, and then the regular program. Communities are provided with Flood Insurance Rate Maps outlining their flood-prone areas.

### Flood Hazard Management Project (FHMP)

The FHMP is a joint FEMA/ Division of Water Resources program that provides assistance to state, regional and local officials by consolidating flood related information and increasing awareness of the need for flood hazard management. Technical assistance is provided to communities and state agencies, implementing flood hazard mitigation procedures.

## III. WATER RESOURCES PLANNING

### River Basin Planning

The Massachusetts Water Resources Commission adopted Water Resource Management Planning Regulations to establish a framework for the development of comprehensive water resources plans for the 27 river basins of the Commonwealth and for development of a state-wide water resources management plan. The Division is implementing the planning process outlined in the regulations and has available basic water resources data for individual communities.

### Water Resources Information

The Division of Water Resources maintains a library of basic water resources information including U.S. Geological Survey and U.S. Department of Agriculture water planning publications.

### Water Resources Planning Task Force

The Water Resources Commission established this task force in the spring of 1984 to coordinate water resources planning among the various resource planning agencies in the state. The Division's Chief Planner is co-chairperson of this task force.

and the best way to do this is to have a clear understanding of the different types of soil and the different ways to manage them. This is where soil science comes in. Soil science is the study of the properties and behavior of the soil, and it is concerned with the management of soil resources to ensure that they are used sustainably and effectively.

Managing land is an integral part of soil science, and a soil scientist's job is to understand the different types of soil and the different ways to manage them. Soil science is concerned with the properties and behavior of the soil, and it is concerned with the management of soil resources to ensure that they are used sustainably and effectively.

Soil science is also important in agriculture, as it helps to understand the properties and behavior of the soil, and it is concerned with the management of soil resources to ensure that they are used sustainably and effectively.

## Conclusion

Soil science is a discipline that is concerned with the properties and behavior of the soil, and it is concerned with the management of soil resources to ensure that they are used sustainably and effectively. Soil science is an important discipline that is concerned with the properties and behavior of the soil, and it is concerned with the management of soil resources to ensure that they are used sustainably and effectively.

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